ABSTRACT OF THE DISCLOSURE

It is possible to control a car group having a probe car at the head thereof or a whole traffic flow including the car group, with due regard to the efficiency, safety and environment. A probe car system includes a device for inputting a control strategy and/or a car group strategy, based on a road map database or traffic data; a device for evaluating propriety of the strategy and determining a proper strategy; and a device for transmitting the proper strategy to the probe car.